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Tabel Klasifikasi
Таблица классификации
Tasnif Tablosu
الجدول المصنف
分类表
Tabel Klasifikasi

	C✳✳✳✳	H✳✳✳✳			
English	This installation manual is made for various models. Thus, make sure the model which you purchased, then install your air conditioner according to your type.	The type with letter C means that the air conditioner is only for cooling.	The type with letter H means that the air conditioner is not only **cooling** but also **heating**.	INDOOR UNIT	OUTDOOR UNIT	TYPE
Spanish	Este manual de instalación está hecha para varios modelos. Por lo tanto, verifique el modelo que ha comprado y luego instale su aire acondicionador de acuerdo a su modelo.	El modelo con la letra C significa que el aire acondicionador es sólo para el enfriamiento.	El modelo con la letra H significa que el aire acondicionador no sólo es para el enfriamiento sino para la calefacciótambién.	UNIDAD INTERIOR	UNIDAD EXTERIOR	TIPO
Italian	Questo manuale per l'installazione e' stato fatto per vari modelli. Percio' assicuratevi il modello che avete acquistato, e poi installate il vostro condizionatore d'aria a seconda del vostro tipo.	Il tipo con la lettera C significa che il condizionatore d'aria e' solo per raffreddare.	Il tipo con la lettera H significa che il condizionatore d'aria e' non solo per raffreddare ma anche per riscaldare.	UNITÀ INTERNA	UNITÀ ESTERNA	TIPO
Portuguese	Este manual de instalação é para vários modelos. Por isso, verifique o modelo comprado e instale o seu aparelho de acordo com o tipo correspondente.	O tipo com a letra C significa que o aparelho é só para refrigeração.	O tipo com a letra H significa que o aparelho é não só para refrigeração mas também para calefação.	UNIDADE INTERIOR	UNIDADE EXTERIOR	TIPO
French	Le manuel d'installation est le même pour tous les modèles. S'assurer donc des caractéristiques de votre climatiseur. L'installer selon ses caractéristiques.	Les modèles de type C ne sont destinés qu'au refroidissement.	Les modèles de type H sont destinés non seulement au refroidissement mais aussi au chauffage.	UNITÉ INTÉRIEURE	UNITÉ EXTÉRIEURE	TYPE
German	Dieses Aufstellungshandbuch ist der Modus für die verschiedenen Modelle. Drum, das Modell, das Sie gekauft haben, sicherstellen, und dann Ihre Klimaanlage installieren nach ihrem Typ.	Der Typ mit dem Buchstabe C bedeutet daß die Klimaanlage nur für das Kühlen ist.	Der Typ mit dem Buchstabe H bedeutet daß die Klimaanlage nicht nur für des Kühlen aber auch für das Heizen ist.	INNENRAUM EINHEIT	AUSSENEINHEIT	TYP
Greek	Αυτό το εγχειρίδιο εγκατάστασης είναι για διάφορα μοντέλα. Βεβαιωθείτε τι μοντέλο αγοράσατε και ύστερα εγκαταστείστε τη συσκευή σας σύμφωνα με τις οδηγίες που αναφέρονται τύπο.	Ο τύπος με το γράμμα "C" σημαίνει ότι ο κλιματισμός είναι μόνο για την Ξύξη.	Ο τύπος με το γράμμα "H" σημαίνει ότι ο κλιματισμός είναι όχι μόνο για την **Ξύξη** αλλά και για την **Θέρμανση.**	***Εσωτερική μονάδα***	***Εξωτερική μονάδα***	***Τύπος***
Russian	Эта инструкция по установке разработана для разных моделей. Проверьте, кондиционер какой модели вы купили, затем выполните установку кондиционера в соответствии с тем, к какому типу относится ваш кондиционер.	Данный вид кондиционеров "C" обозначает, что он предназначен только для **охлаждения**	Данный вид кондиционеров с пометкой "H" обозначает, что он предназначен не только для **охлаждения**, но и для **обогрева.**	***Комнатный блок***	***Наружный блок***	***Тип***
Turkish	Bu montaj klavuzu, çeşitli modeller için yapılmaktadır. Bu yüzden hangi tipi aldığınıza emin olun ve sizin tipinize göre klimanızı yerleştirin.	Harp C ile olan klima, sadece soğutma için yapılmaktadır.	Harp H ile olan klima, hem **soğutma** hem de **ısıtma** için yapılmaktadır.	*İç ünite*	*Dış ünite*	*Tip*
Arab	دليل التركيب هذا مصنوع لمختلف الموديلات. فتأكد من الموديل الذي اشتريته، ثم ركب مكيف الهواء حسب نوع الموديل لك.	نوع الموديل بعلامة حرف C يعني موديلات تكييف الهواء للتبريد فقط.	نوع الموديل بعلامة حرف H يعني موديلات تكييف الهواء، ليس للتبريد فقط بل أيضا للتدفئة.	الوحدة الداخلية	الوحدة الخارجية	النوع
Chinese	该安装手册是为各种机型而编制的。所以需要首先明确您购买的机型，然后再根据机型进行安装。	有字母C的机型表示该空调机只用于制冷	有字母H的机型表示该空调机 不仅用于**制冷**，而且用于**加热**。	*室内机*	*室外机*	*机型*
Indonesian	Petunjuk pemasangan ini dibuat untuk berbagai model. Dengan demikian model apa yang telah anda beli, kemudian pasanglah alat penyejuk udara anda sesuai dengan jenisnya.	Pada jenis dengan huruf "C" artinya alat penyejuk udara jenis ini hanya untuk pendingin.	Pada jenis dengan huruf "H" artinya alat penyejuk udara jenis ini tidak hanya untuk **pendingin** etapi juga untuk **pemanas**.	UNIT DALAM	UNIT LUAR	JENIS

7000 BTU

Indoor Unit	Outdoor Unit	Type
AQ07A1(A2)(A5)(A6)MB/C/D/E	UQ07A1(A2)(A5)(A6)MB/C/D/E	HM070
AQ07B1(B2)(B5)(B6)MB/C/D/E	UQ07B1(B2)(B5)(B6)MB/C/D/E	
AQ07A3(A4)(A7)(A8)MB/C/D/E	UQ07A3(A4)(A7)(A8)MB/C/D/E	HM020
AQ07B3(B4)(B7)(B8)MB/C/D/E	UQ07B3(B4)(B7)(B8)MB/C/D/E	
AQ07A5(6)MB(E)D	UQ07A5(6)MB(E)D	HM070
AQ07B5(6)MB(E)D	UQ07B5(6)MB(E)D	
AQ07C5(6)MB(E)	UQ07C5(6)MB(E)	HM070
AQ07C5(6)MB(E)D	UQ07C5(6)MB(E)D	
AQ07C7(8)ME	UQ07C7(8)ME	HM070
SH07ZA1(A2)(A5)(A6)	SH07ZA1(A2)(A5)(A6)X	HM070
SH07ZB1(B2)(B5)(B6)	SH07ZB1(B2)(B5)(B6)X	
SH07ZA1(A2)(A5)(A6)A	SH07ZA1(A2)(A5)(A6)X	HM070
SH07ZB1(B2)(B5)(B6)A	SH07ZB1(B2)(B5)(B6)X	
SH07ZA5(6)D	SH07ZA5(6)DX	HM070
SH07ZB5(6)D	SH07ZB5(6)DX	
SH07AA5	SH07AA5X	HM071
SH07AB5	SH07AB5X	
SH07ZA3(A4)(A7)(A8)	SH07ZA3(A4)(A7)(A8)X	HM020
SH07ZB3(B4)(B7)(B8)	SH07ZB3(B4)(B7)(B8)X	
SH07ZA3(A4)(A7)(A8)A	SH07ZA3(A4)(A7)(A8)X	HM020
SH07ZB3(B4)(B7)(B8)A	SH07ZB3(B4)(B7)(B8)X	
SH07AC5(6)	SH07AC5(6)X	HM071
AS07A1(A2)(A5)(A6)MB/C/D/E	US07A1(A2)(A5)(A6)MB/C/D/E	CM050
AS07B1(B2)(B5)(B6)MB/C/D/E	US07B1(B2)(B5)(B6)MB/C/D/E	
AS07A3(A4)(A7)(A8)MB/C/D/E	US07A3(A4)(A7)(A8)MB/C/D/E	CM020
AS07B3(B4)(B7)(B8)MB/C/D/E	US07B3(B4)(B7)(B8)MB/C/D/E	
AS07A5(A6)MA	US07A5(A6)MA	CM050
AS07B5(B6)MA	US07B5(B6)MA	
AS07A5(6)MB(D)(E)D	US07A5(6)MB(D)(E)D	CM052
AS07B5(6)MB(D)(E)D	US07B5(6)MB(D)(E)D	
AS07C5(6)MB(E)	US07C5(6)MB(E)	CM052
AS07C5(6)MB(D)(E)D	US07C5(6)MB(D)(E)D	
AS07C7(8)ME(D)	US07C7(8)ME(D)	CM052
SC07ZA1(A2)(A5)(A6)	SC07ZA1(A2)(A5)(A6)X	CM050
SC07ZB1(B2)(B5)(B6)	SC07ZB1(B2)(B5)(B6)X	
SC07ZA1(A2)(A5)(A6)A	SC07ZA1(A2)(A5)(A6)X	CM050
SC07ZB1(B2)(B5)(B6)A	SC07ZB1(B2)(B5)(B6)X	
SC07ZA5(6)D	SC07ZA5(6)DX	CM052
SC07ZB5(6)D	SC07ZB5(6)DX	
SC07AA5	SC07AA5X	CM051
SC07AB5	SC07AB5X	
SC07ZA3(A4)(A7)(A8)	SC07ZA3(A4)(A7)(A8)X	CM020
SC07ZB3(B4)(B7)(B8)	SC07ZB3(B4)(B7)(B8)X	
SC07ZA3(A4)(A7)(A8)A	SC07ZA3(A4)(A7)(A8)X	CM020

7000 BTU

Indoor Unit	Outdoor Unit	Type
SC07ZB3(B4)(B7)(B8)A	SC07ZB3(B4)(B7)(B8)X	CM020
SC07AC5(6)	SC07AC5(6)X	CM052

9000 BTU

Indoor Unit	Outdoor Unit	Type
AQ09A1(A2)MB/C/D/E	UQ09A1(A2)MB/C/D/E	HM040
AQ09B1(B2)MB/C/D/E	UQ09B1(B2)MB/C/D/E	
AQ09A3(A4)(A7)(A8)MB/C/D/E	UQ09A3(A4)(A7)(A8)MB/C/D/E	HM020
AQ09B3(B4)(B7)(B8)MB/C/D/E	UQ09B3(B4)(B7)(B8)MB/C/D/E	
AQ09A5(A6)MB/C/D/E	UQ09A5(A6)MB/C/D/E	HM070
AQ09B5(B6)MB/C/D/E	UQ09B5(B6)MB/C/D/E	
AQ09A5(6)MB(D)(E)D	UQ09A5(6)MB(D)(E)D	HM070
AQ09B5(6)MB(D)(E)D	UQ09B5(6)MB(D)(E)D	
AQ09C5(6)MB(E)	UQ09C5(6)MB(E)	HM070
AQ09C5(6)MB(D)(E)D	UQ09C5(6)MB(D)(E)D	
AQ09C7(8)ME	UQ09C7(8)ME	HM070
AQV09A1(A2)MD/E	UQV09A1(A2)MD/E	HM060
AQV09B1(B2)MD/E	UQV09B1(B2)MD/E	
AQV09A5(A6)MD/E	UQV09A5(A6)MD/E	HM100
AQV09B5(B6)MD/E	UQV09B5(B6)MD/E	
AQV09AC(D)ME	UQV09AC(D)ME	HM130
AQV09BC(D)ME	UQV09BC(D)ME	
AQV09F2VE/D	UQV09A0TE/D	HT010
SH09VA1(A2)	SH09VA1(A2)X	HM060
SH09VB1(B2)	SH09VB1(B2)X	
SH09VA5(A6)	SH09VA5(A6)X	HM100
SH09VB5(B6)	SH09VB5(B6)X	
SH09VCD	SH09VCDX	HM130
SH09VAC(D)	SH09VAC(D)X	HM130
SH09VBC(D)	SH09VBC(D)X	
SH09ZA1(A2)	SH09ZA1(A2)X	HM040
SH09ZB1(B2)	SH09ZB1(B2)X	
SH09ZA1(A2)A	SH09ZA1(A2)X	HM040
SH09ZB1(B2)A	SH09ZB1(B2)X	
SH09ZA3(A4)(A7)(A8)	SH09ZA3(A4)(A7)(A8)X	HM020
SH09ZB3(B4)(B7)(B8)	SH09ZB3(B4)(B7)(B8)X	
SH09ZA3(A4)(A7)(A8)A	SH09ZA3(A4)(A7)(A8)X	HM020
SH09ZB3(B4)(B7)(B8)A	SH09ZB3(B4)(B7)(B8)X	
SH09ZA5(A6)	SH09ZA5(A6)X	HM070
SH09ZB5(B6)	SH09ZB5(B6)X	
SH09ZA5(A6)A	SH09ZA5(A6)X	HM070
SH09ZB5(B6)A	SH09ZB5(B6)X	
SH09ZA5(6)D	SH09ZA5(6)DX	HM070
SH09ZB5(6)D	SH09ZB5(6)DX	
SH09AA5	SH09AA5X	HM081
SH09AB5	SH09AB5X	
SH09ACA(B)	SH09ACA(B)X	HM110
AS09A1(A2)MB/C/D/E	US09A1(A2)MB/C/D/E	CM040
AS09B1(B2)MB/C/D/E	US09B1(B2)MB/C/D/E	

9000 BTU

Indoor Unit	Outdoor Unit	Type
AS09A3(A4)(A7)(A8)MB/C/D/E	US09A3(A4)(A7)(A8)MB/C/D/E	CM020
AS09B3(B4)(B7)(B8)MB/C/D/E	US09B3(B4)(B7)(B8)MB/C/D/E	
AS09A5(A6)MB/C/D/E	US09A5(A6)MB/C/D/E	CM050
AS09B5(B6)MB/C/D/E	US09B5(B6)MB/C/D/E	
AS09A5(6)MB(D)(E)D	US09A5(6)MB(D)(E)D	CM052
AS09B5(6)MB(D)(E)D	US09B5(6)MB(D)(E)D	
AS09C5(6)MB(D)(E)D	US09C5(6)MB(D)(E)D	CM052
AS09C5(6)MB(E)	US09C5(6)MB(E)	CM050
AS09C7(8)ME(D)	US09C7(8)ME(D)	CM052
AS09A5(A6)MA	US09A5(A6)MA	CM050
AS09B5(B6)MA	US09B5(B6)MA	
SC09ZA1(A2)	SC09ZA1(A2)X	CM040
SC09ZB1(B2)	SC09ZB1(B2)X	
SC09ZA1(A2)A	SC09ZA1(A2)X	CM040
SC09ZB1(B2)A	SC09ZB1(B2)X	
SC09ZA3(A4)(A7)(A8)	SC09ZA3(A4)(A7)(A8)X	CM020
SC09ZB3(B4)(B7)(B8)	SC09ZB3(B4)(B7)(B8)X	
SC09ZA3(A4)(A7)(A8)A	SC09ZA3(A4)(A7)(A8)X	CM020
SC09ZB3(B4)(B7)(B8)A	SC09ZB3(B4)(B7)(B8)X	
SC09ZA5(A6)	SC09ZA5(A6)X	CM050
SC09ZB5(B6)	SC09ZB5(B6)X	
SC09ZA5(A6)A	SC09ZA5(A6)X	CM050
SC09ZB5(B6)A	SC09ZB5(B6)X	
SC09ZA5(6)D	SC09ZA5(6)DX	CM052
SC09ZB5(6)D	SC09ZB5(6)DX	
SC09AA5	SC09AA5X	CM061
SC09AB5	SC09AB5X	
SC09ACA(B)	SC09ACA(B)X	CM070

12000 BTU

Indoor Unit	Outdoor Unit	Type
AQ12A1(A2)(A9)(A0)MB/C/D/E/EA	UQ12A1(A2)(A9)(A0)MB/C/D/E/EA	HM030
AQ12B1(B2)(B9)(B0)MB/C/D/E/EA	UQ12B1(B2)(B9)(B0)MB/C/D/E/EA	
AQ12A3(A4)(A7)(A8)MB/C/D/E/EA	UQ12A3(A4)(A7)(A8)MB/C/D/E/EA	HM010
AQ12B3(B4)(B7)(B8)MB/C/D/E/EA	UQ12B3(B4)(B7)(B8)MB/C/D/E/EA	
AQ12A5(A6)MB/C/D/E/EA	UQ12A5(A6)MB/C/D/E/EA	HM080
AQ12B5(B6)MB/C/D/E/EA	UQ12B5(B6)MB/C/D/E/EA	
AQ12AA(B)MB(D)(E)	UQ12AA(B)MB(D)(E)	HM111
AQ12BA(B)MB(D)(E)	UQ12BA(B)MB(D)(E)	
AQ12CA(B)MB(D)(E)	UQ12CA(B)MB(D)(E)	HM111
AQV12A1(A2)MD/E	UQV12A1(A2)MD/E	HM050
AQV12B1(B2)MD/E	UQV12B1(B2)MD/E	
AQV12A5(A6)MD/E	UQV12A5(A6)MD/E	HM090
AQV12B5(B6)MD/E	UQV12B5(B6)MD/E	
AQV12AC(D)ME	UQV12AC(D)ME	HM120
AQV12BC(D)ME	UQV12BC(D)ME	
AQV12F2VE/D	UQV12A0TE/D	HT020
SH12VA1(A2)	SH12VA1(A2)X	HM050
SH12VB1(B2)	SH12VB1(B2)X	
SH12VA5(A6)	SH12VA5(A6)X	HM090
SH12VB5(B6)	SH12VB5(B6)X	
SH12VCD	SH12VCDX	HM120
SH12VAC(D)	SH12VAC(D)X	HM120
SH12VBC(D)	SH12VBC(D)X	
SH12ZA1(A2)	SH12ZA1(A2)X	HM030
SH12ZB1(B2)	SH12ZB1(B2)X	
SH12ZA1(A2)A	SH12ZA1(A2)XA	HM030
SH12ZB1(B2)A	SH12ZB1(B2)XA	
SH12ZA1(A2)B	SH12ZA1(A2)X	HM030
SH12ZB1(B2)B	SH12ZB1(B2)X	
SH12ZA3(A4)(A7)(A8)	SH12ZA3(A4)(A7)(A8)X	HM010
SH12ZB3(B4)(B7)(B8)	SH12ZB3(B4)(B7)(B8)X	
SH12ZA3(A4)(A7)(A8)A	SH12ZA3(A4)(A7)(A8)XA	HM010
SH12ZB3(B4)(B7)(B8)A	SH12ZB3(B4)(B7)(B8)XA	
SH12ZA3(A4)(A7)(A8)B	SH12ZA3(A4)(A7)(A8)X	HM010
SH12ZB3(B4)(B7)(B8)B	SH12ZB3(B4)(B7)(B8)X	
SH12ZA5(A6)	SH12ZA5(A6)X	HM080
SH12ZB5(B6)	SH12ZB5(B6)X	
SH12ZA5(A6)A	SH12ZA5(A6)XA	HM080
SH12ZB5(B6)A	SH12ZB5(B6)XA	
SH12ZA5(A6)B	SH12ZA5(A6)X	HM080
SH12ZB5(B6)B	SH12ZB5(B6)X	
SH12ZAA(B)	SH12ZAA(B)X	HM111
SH12ZBA(B)	SH12ZBA(B)X	
SH12AA5	SH12AA5X	HM081

12000 BTU

Indoor Unit	Outdoor Unit	Type
SH12AB5	SH12AB5X	HM081
SH12ZA9(A0)	SH12ZA9(A0)X	HM030
SH12ZB9(B0)	SH12ZB9(B0)X	
SH12ACA(B)	SH12ACA(B)X	HM110
AS12A1(A2)(A9)(A0)MB/C/D/E/EA	US12A1(A2)(A9)(A0)MB/C/D/E/EA	CM030
AS12B1(B2)(B9)(B0)MB/C/D/E/EA	US12B1(B2)(B9)(B0)MB/C/D/E/EA	
AS12C1(2)MD	US12C1(2)MD	CM010
AS12A3(A4)(A7)(A8)MB/C/D/E/EA	US12A3(A4)(A7)(A8)MB/C/D/E/EA	
AS12B3(B4)(B7)(B8)MB/C/D/E/EA	US12B3(B4)(B7)(B8)MB/C/D/E/EA	
AS12A5(A6)MB/C/D/E/EA	US12A5(A6)MB/C/D/E/EA	CM060
AS12B5(B6)MB/C/D/E/EA	US12B5(B6)MB/C/D/E/EA	
AS12AA(B)MB(E)	US12AA(B)MB(E)	CM071
AS12BA(B)MB(E)	US12BA(B)MB(E)	
AS12CA(B)MB(E)	US12CA(B)MB(E)	CM071
SC12ZA1(A2)	SC12ZA1(A2)X	CM030
SC12ZB1(B2)	SC12ZB1(B2)X	
SC12ZA1(A2)A	SC12ZA1(A2)XA	CM030
SC12ZB1(B2)A	SC12ZB1(B2)XA	
SC12ZA1(A2)B	SC12ZA1(A2)X	CM030
SC12ZB1(B2)B	SC12ZB1(B2)X	
SC12ZA3(A4)(A7)(A8)	SC12ZA3(A4)(A7)(A8)X	CM010
SC12ZB3(B4)(B7)(B8)	SC12ZB3(B4)(B7)(B8)X	
SC12ZA3(A4)(A7)(A8)A	SC12ZA3(A4)(A7)(A8)XA	CM010
SC12ZB3(B4)(B7)(B8)A	SC12ZB3(B4)(B7)(B8)XA	
SC12ZA3(A4)(A7)(A8)B	SC12ZA3(A4)(A7)(A8)X	CM010
SC12ZB3(B4)(B7)(B8)B	SC12ZB3(B4)(B7)(B8)X	
SC12ZA5(A6)	SC12ZA5(A6)X	CM060
SC12ZB5(B6)	SC12ZB5(B6)X	
SC12ZA5(A6)A	SC12ZA5(A6)XA	CM060
SC12ZB5(B6)A	SC12ZB5(B6)XA	
SC12ZA5(A6)B	SC12ZA5(A6)X	CM060
SC12ZB5(B6)B	SC12ZB5(B6)X	
SC12ZAA(B)	SC12ZAA(B)X	CM071
SC12ZBA(B)	SC12ZBA(B)X	
SC12AA5	SC12AA5X	CM061
SC12AB5	SC12AB5X	
SC12ZA9(A0)	SC12ZA9(A0)X	CM030
SC12ZB9(B0)	SC12ZB9(B0)X	
SC12ACA(B)	SC12ACA(B)X	CM070

14000 BTU

Indoor Unit	Outdoor Unit	Type
AS14ABTB	US14ABTB	CM072

18000 BTU

Indoor Unit	Outdoor Unit	Type
AQ18A1(A2)RE/B/C/D	UQ18A1(A2)RE/B/C/D	HR020
AQ18B1(B2)RE/B/C/D	UQ18B1(B2)RE/B/C/D	
AQ18A5(A6)RE/B/C/D	UQ18A5(A6)RE/B/C/D	HR010
AQ18B5(B6)RE/B/C/D	UQ18B5(B6)RE/B/C/D	
AQ18A9(A0)RE/B/C/D	UQ18A9(A0)RE/B/C/D	HR020
AQ18B9(B0)RE/B/C/D	UQ18B9(B0)RE/B/C/D	
AQ18A9(0)RB(C)(D)(E)D	UQ18A9(0)RB(C)(D)(E)D	HR020
AQ18B9(0)RB(C)(D)(E)D	UQ18B9(0)RB(C)(D)(E)D	
AQ18C9(0)RB(C)(D)(E)D	UQ18C9(0)RB(C)(D)(E)D	HR020
AQT18A1(A2)(A9)(A0)RE/B/C/D	UQT18A1(A2)(A9)(A0)RE/B/C/D	HR040
AQT18B1(B2)(B9)(B0)RE/B/C/D	UQT18B1(B2)(B9)(B0)RE/B/C/D	
AQT18A5(A6)RE/B/C/D	UQT18A5(A6)RE/B/C/D	HR030
AQT18B5(B6)RE/B/C/D	UQT18B5(B6)RE/B/C/D	
AQT18C9(0)RB(E)	UQT18C9(0)RB(E)	HR040
AQT18A9(0)REF	UQT18A9(0)REF	HR040
AQT18C9(0)REF	UQT18C9(0)REF	
SH18AC9(0)	SH18AC9(0)X	HR041
SH18TA1(A2)(A9)(A0)	SH18TA1(A2)(A9)(A0)X	HR040
SH18TB1(B2)(B9)(B0)	SH18TB1(B2)(B9)(B0)X	
SH18TA5(A6)	SH18TA5(A6)X	HR030
SH18TB5(B6)	SH18TB5(B6)X	
SH18ZA1(A2)(A9)(A0)	SH18ZA1(A2)(A9)(A0)X	HR020
SH18ZB1(B2)(B9)(B0)	SH18ZB1(B2)(B9)(B0)X	
SH18ZA5(A6)	SH18ZA5(A6)X	HR010
SH18ZB5(B6)	SH18ZB5(B6)X	
SH18ZA9(0)D	SH18ZA9(0)DX	HR020
SH18ZB9(0)D	SH18ZB9(0)DX	
AS18A1(A2)RE/B/C/D	US18A1(A2)RE/B/C/D	CR020
AS18B1(B2)RE/B/C/D	US18B1(B2)RE/B/C/D	
AS18A5(A6)RE/B/C/D	US18A5(A6)RE/B/C/D	CR010
AS18B5(B6)RE/B/C/D	US18B5(B6)RE/B/C/D	
AS18A9(A0)RE/B/C/D	US18A9(A0)RE/B/C/D	CR060
AS18B9(B0)RE/B/C/D	US18B9(B0)RE/B/C/D	
AS18A9(0)RB(C)(D)(E)D	US18A9(0)RB(C)(D)(E)D	CR060
AS18B9(0)RB(C)(D)(E)D	US18B9(0)RB(C)(D)(E)D	
AS18C9(0)RB(C)(D)(E)D	US18C9(0)RB(C)(D)(E)D	CR060
AS18C9(0)RD	US18C9(0)RD	
AST18A1(A2)(A9)(A0)RE/B/C/D	UST18A1(A2)(A9)(A0)RE/B/C/D	CR040
AST18B1(B2)(B9)(B0)RE/B/C/D	UST18B1(B2)(B9)(B0)RE/B/C/D	
AST18A5(A6)RE/B/C/D	UST18A5(A6)RE/B/C/D	CR030
AST18B5(B6)RE/B/C/D	UST18B5(B6)RE/B/C/D	
AST18C9(0)RB(E)	UST18C9(0)RB(E)	CR040

18000 BTU

Indoor Unit	Outdoor Unit	Type
AST18A9(0)REF	UST18A9(0)REF	CR070
AST18C9(0)REF	UST18C9(0)REF	
SC18TA1(A2)(A9)(A0)	SC18TA1(A2)(A9)(A0)X	CR040
SC18TB1(B2)(B9)(B0)	SC18TB1(B2)(B9)(B0)X	
SC18TA5(A6)	SC18TA5(A6)X	CR030
SC18TB5(B6)	SC18TB5(B6)X	
SC18ZA1(A2)	SC18ZA1(A2)X	CR020
SC18ZB1(B2)	SC18ZB1(B2)X	
SC18ZA9(A0)	SC18ZA9(A0)X	CR060
SC18ZB9(B0)	SC18ZB9(B0)X	
SC18ZA9(0)D	SC18ZA9(0)DX	CR060
SC18ZB9(0)D	SC18ZB9(0)DX	
SC18ZA5(A6)	SC18ZA5(A6)X	CR010
SC18ZB5(B6)	SC18ZB5(B6)X	
SC18AC9(0)	SC18AC9(0)X	CR061

24000 BTU

Indoor Unit	Outdoor Unit	Type
AQ24A1(A2)RE/B/C/D	UQ24A1(A2)RE/B/C/D	HR050
AQ24B1(B2)RE/B/C/D	UQ24B1(B2)RE/B/C/D	
AQ24A5(6)RB(C)(D)(E)D	UQ24A5(6)RB(C)(D)(E)D	HR050
AQ24B5(6)RB(C)(D)(E)D	UQ24B5(6)RB(C)(D)(E)D	
AQ24C5(6)RB(C)(D)(E)D	UQ24C5(6)RB(C)(D)(E)D	HR050
AQT24A1(A2)(A5)(A6)(A8)RE/B/C/D	UQT24A1(A2)(A5)(A6)(A8)RE/B/C/D	HR050
AQT24B1(B2)(B5)(B6)(B8)RE/B/C/D	UQT24B1(B2)(B5)(B6)(B8)RE/B/C/D	
AQT24A5(6)RE(B)D	UQT24A5(6)RE(B)D	HR050
AQT24B5(6)RE(B)D	UQT24B5(6)RE(B)D	
AQT24C5(6)RB(E)	UQT24C5(6)RB(E)	HR050
AQT24C5(6)RB(E)D	UQT24C5(6)RB(E)D	
SH24TA1(A2)(A5)(A6)(A8)	SH24TA1(A2)(A5)(A6)(A8)X	HR050
SH24TB1(B2)(B5)(B6)(B8)	SH24TB1(B2)(B5)(B6)(B8)X	
SH24TA5(6)(8)D	SH24TA5(6)(8)DX	HR050
SH24TB5(6)(8)D	SH24TB5(6)(8)DX	
SH24AC5(6)	SH24AC5(6)X	HR051
AS24A1(A2)RE/B/C/D	US24A1(A2)RE/B/C/D	CR050
AS24B1(B2)RE/B/C/D	US24B1(B2)RE/B/C/D	
AS24A5(6)RB(C)(D)(E)D	US24A5(6)RB(C)(D)(E)D	CR050
AS24B5(6)RB(C)(D)(E)D	US24B5(6)RB(C)(D)(E)D	
AS24C5(6)RB(C)(D)(E)D	US24C5(6)RB(C)(D)(E)D	CR050
AST24A1(A2)(A5)(A6)(A8)RE/B/C/D	US24B5(6)RCDX	CR050
AST24B1(B2)(B5)(B6)(B8)RE/B/C/D	UST24A1(A2)(A5)(A6)(A8)RE/B/C/D	
AST24A5(6)RE(B)D	UST24B1(B2)(B5)(B6)(B8)RE/B/C/D	CR050
AST24B5(6)RE(B)D	UST24A5(6)RE(B)D	
AST24C5(6)RB(E)	UST24C5(6)RB(E)	CR050
AST24C5(6)RB(E)D	UST24C5(6)RB(E)D	
AST24C6RE/MID	UST24C6RE/MID	CR052
SC24TA1(A2)(A5)(A6)(A8)	SC24TA1(A2)(A5)(A6)(A8)X	CR050
SC24TB1(B2)(B5)(B6)(B8)	SC24TB1(B2)(B5)(B6)(B8)X	
SC24TA5(6)(8)D	SC24TA5(6)(8)DX	CR050
SC24TB5(6)(8)D	SC24TB5(6)(8)DX	
SC24AC5(6)	SC24AC5(6)X	CR051

30000 BTU

Indoor Unit	Outdoor Unit	Type
AQT30C1(C2)BB	UQT30C1(C2)BB	
AQT30C1(C2)BE	UQT30C1(C2)BE	
AQT32C1(C2)BE	UQT32C1(C2)BE	HB010
SH30ZA2	SH30ZA2X	
SH30ZC1(C2)	SH30ZC1(C2)X	
AS30C1(C2)(C3)(C4)BB	US30C1(C2)(C3)(C4)BB	
AS30C1(C2)(C3)(C4)BC	US30C1(C2)(C3)(C4)BC	
AS36C1(C2)(C3)(C4)BB	US36C1(C2)(C3)(C4)BB	
AS36C1(C2)(C3)(C4)BC	US36C1(C2)(C3)(C4)BC	
AST30C1(C2)BB	UST30C1(C2)BB	CB010
AST30C1(C2)(C3)(C4)BE	UST30C1(C2)(C3)(C4)BE	
AST32C1(C2)BE	UST32C1(C2)BE	
SC30ZA2	SC30ZA2X	
SC30ZC1(C2)(C3)(C4)	SC30ZC1(C2)(C3)(C4)X	

INSTALLATION MANUAL

Split-type Room Air Conditioner

http://www.yesmanual.com

[This installation manual is written in English. If you would like to read in another language, please visit our homepage.]

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The design and shape are subject to change according to the model.

Deciding on Where to Install the Air Conditioner

When deciding on the location of the air conditioner with the owner, the following restrictions must be taken into account.

General

Do NOT install the air conditioner in a location where it will come into contact with the following elements:

- Combustible gases
- Saline air
- Machine oil
- Sulphide gas
- Special environmental conditions

If you must install the unit in such conditions, first consult your dealer.

Indoor Unit

- There must be no obstacles near the air inlet and outlet.
- Install the indoor unit on a surface that can support its weight.
- Choose a position that enables the piping and cables to be easily connected to the outdoor unit and the recommended length of 5 metres to be respected (“L” metres maximum).
- Leave enough clearance beneath the indoor unit to enable the filters to be removed without hindrance.
- Maintain sufficient clearance around the indoor unit, as indicated in the diagram on the page opposite.
- Make sure that the water dripping from the drain hose runs away correctly and safely.
- Install the indoor unit on the wall which is far from the floor by more than 2.5meters.

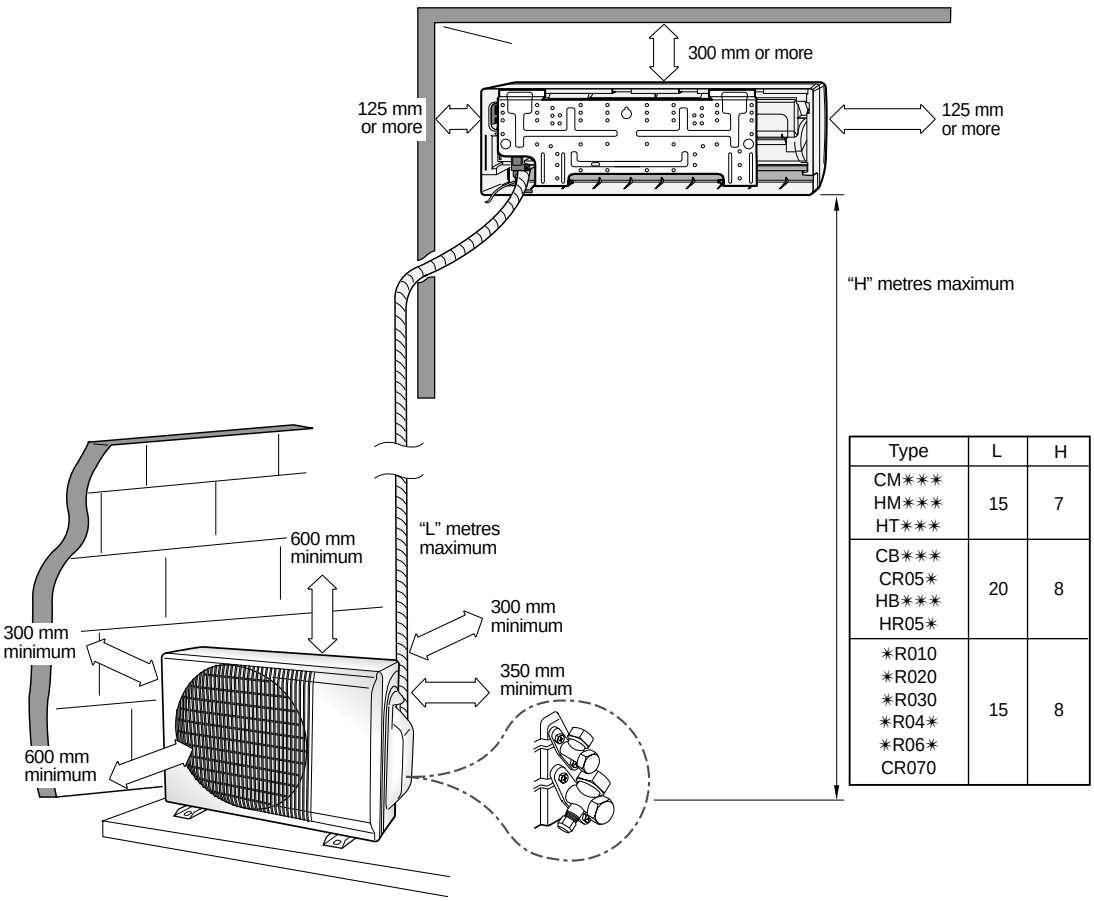
Outdoor Unit

- The outdoor unit must NEVER be placed on its side or upside down, as the compressor lubrication oil will run into the cooling circuit and seriously damage the unit.
- Choose a location that is dry and sunny, but not exposed to direct sunlight or strong winds.
- Do not block any passageways or thoroughfares.
- Choose a location where the noise of the air conditioner when running and the discharged air do not disturb any neighbours.
- Choose a position that enables the piping and cables to be easily connected to the indoor unit and the recommended length of 5 metres to be respected (“L” metres maximum).
- Install the outdoor unit on a flat, stable surface that can support its weight and does not generate any unnecessary noise and vibration.
- Position the outdoor unit so that the air flow is directed towards the outside, as indicated by the arrows on the top of the unit.
- Maintain sufficient clearance around the outdoor unit, as indicated in the diagram on the page opposite.
- If the outdoor unit is installed at a height, ensure that its base is firmly fixed in position; the maximum height is “H” metres.
- Make sure that the water dripping from the drain hose runs away correctly and safely.

CAUTION

- ***You have just purchased a split-type room air conditioner and it has been installed by your installation specialist.***
- ***This device must be installed according to the national electrical rules.***

Respect the clearances and maximum lengths indicated in the diagram below when installing the unit.



Type	L	H
CM✳✳✳ HM✳✳✳ HT✳✳✳	15	7
CB✳✳✳ CR05✳ HB✳✳✳ HR05✳	20	8
✳R010 ✳R020 ✳R030 ✳R04✳ ✳R06✳ CR070	15	8

The designs of the unit and the connection valve are subject to change according to the model.

The illustrations in the step-by-step procedures use four different symbols:

PRESS	**PUSH**	**IMPORTANT**	**NOTE**

Air Conditioner and Accessaries

The following accessories are supplied with the air conditioner.

- ➢ *The quantities are indicated in parentheses.*
- ➢ *The power cable is depending on the option. If they are not supplied, use the standard cable.*
- ➢ *The assembly cable is depending on the option. If they are not supplied, use the standard cable. (approved according to IEC standard.)*
- ➢ *The flare nuts, drain plug(H✳✳✳✳ Type Only) and rubber leg in the outdoor unit case are only included when the air conditioner is supplied without the assembly piping.*
- ➢ *The flare nut is attached to the product or supplied separately.*

Type	***Refer-ence***	***Accessaries in the Indoor Unit Case***			***Accessaries in the Outdoor Unit Case***				
		Installation Plate	Remote Control & Battery	Owner's Instructions Booklet & Installation Manual	*Cable*	*Flare Nut (option)*		Drain Plug	Rubber Leg
						Ø6.35mm	Ø9.52mm Ø12.70mm Ø15.88mm		
Shape	-		-	-	-				
Specification	-	-	-	-	-	-	-	-	-
CB010	-	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x4G 2.5mm²x3G	(2)	15.88mm(2)	-	(4)
CM010	M/D	(1)	(1) (2)	(1) (1)	1.0mm²x3G	(2)	12.70mm(2)	-	(4)
CM020	M/D	(1)	(1) (2)	(1) (1)	1.0mm²x3G	(2)	9.52mm(2)	-	(4)
CM030	P/D	(1)	(1) (2)	(1) (1)	1.0mm²x3G	(2)	12.70mm(2)	-	(4)
CM040	P/D	(1)	(1) (2)	(1) (1)	1.0mm²x3G	(2)	9.52mm(2)	-	(4)
CM050	A	(1)	(1) (2)	(1) (1)	1.0mm²x3G	(2)	9.52mm(2)	-	(4)
CM051	R410A,A	(1)	(1) (2)	(1) (1)	1.0mm²x3G	(2)	9.52mm(2)	-	(4)
CM052	R410A,A	(1)	(1) (2)	(1) (1)	1.0mm²x3G	(2)	9.52mm(2)	-	(4)
CM060	T	(1)	(1) (2)	(1) (1)	1.0mm²x3G	(2)	12.70mm(2)	-	(4)
CM061	R410A,T	(1)	(1) (2)	(1) (1)	1.0mm²x3G	(2)	9.52mm(2)	-	(4)
CM070	R410A, ACTIVE	(1)	(1) (2)	(1) (1)	1.0mm²x3G	(2)	9.52mm(2)	-	(4)
CM071	ACTIVE	(1)	(1) (2)	(1) (1)	1.0mm²x3G	(2)	12.70mm(2)	-	(4)
CM072	ACTIVE,T2	(1)	(1) (2)	(1) (1)	1.0mm²x3G	(2)	12.70mm(2)	-	(4)
CR010	-	(1)	(1) (2)	(1) (1)	1.0mm²x5G 2.5mm²x3G	(2)	12.70mm(2)	-	(4)
CR020	-	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x4G 2.5mm²x3G	(2)	12.70mm(2)	-	(4)
CR030	-	(1)	(1) (2)	(1) (1)	1.0mm²x5G 2.5mm²x3G	(2)	12.70mm(2)	-	(4)
CR040	-	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x4G 2.5mm²x3G	(2)	12.70mm(2)	-	(4)
CR050	-	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x4G 2.5mm²x3G	(2)	15.88mm(2)	-	(4)
CR051	R410A,Q	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x4G 2.5mm²x3G	(2)	15.88mm(2)	-	(4)
CR052	-	(1)	(1) (2)	(1) (1)	2.0mm²x3G	(2)	15.88mm(2)	-	(4)
CR060	-	(1)	(1) (2)	(1) (1)	1.0mm²x4G 2.5mm²x3G	(2)	12.70mm(2)	-	(4)
CR061	R410A,U3	(1)	(1) (2)	(1) (1)	1.0mm²x4G 2.5mm²x3G	(2)	12.70mm(2)	-	(4)
CR070	-	(1)	(1) (2)	(1) (1)	2.0mm²x3G	(2)	12.70mm(2)	-	(4)

The following connection accessories in the accessary case may be supplied, depending on the option. If they are not supplied, it is recommended that you collect them together before starting to install the air conditioner.

Accessary Case										
Assembly Piping		PE T3 Foam Tube Insulation	Vinyl Tape	Drain Plug	Rubber Leg	Pipe Clamp A & B	Cement Nail	Tapped Screws	Drain Hose	Putty
Ø6.35mm	Ø9.52mm Ø12.70mm Ø15.88mm									
Length 5m	Length 5m	-	Width 50mm	-	-	-	Length 25mm	M4x16	Length 2m	100g
(1)	15.88mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	15.88mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	15.88mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	15.88mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	-	(4)	(3) (3)	(6)	(10)	(1)	(1)

Air Conditioner and Accessaries (cont.)

The following accessories are supplied with the air conditioner.

- ➢ *The quantities are indicated in parentheses.*
- ➢ *The power cable is depending on the option. If they are not supplied, use the standard cable.*
- ➢ *The assembly cable is depending on the option. If they are not supplied, use the standard cable. (approved according to IEC standard.)*
- ➢ *The flare nuts, drain plug(H✳✳✳✳ Type Only) and rubber leg in the outdoor unit case are only included when the air conditioner is supplied without the assembly piping.*
- ➢ *The flare nut is attached to the product or supplied separately.*

Type	***Refer-ence***	***Accessaries in the Indoor Unit Case***			***Accessaries in the Outdoor Unit Case***				
		Installation Plate	Remote Control & Battery	Owner's Instructions Booklet & Installation Manual	*Cable*	*Flare Nut (option)*		Drain Plug	Rubber Leg
						Ø6.35mm	Ø9.52mm Ø12.70mm Ø15.88mm		
Shape	-		-	-	-				
Specification	-	-	-	-	-	-	-	-	-
HB010	-	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x5G 2.5mm²x3G	(2)	15.88mm(2)	(1)	(4)
HM010	M/D	(1)	(1) (2)	(1) (1)	1.0mm²x5G	(2)	12.70mm(2)	(1)	(4)
HM020	M/D	(1)	(1) (2)	(1) (1)	1.0mm²x5G	(2)	9.52mm(2)	(1)	(4)
HM030	P/D	(1)	(1) (2)	(1) (1)	1.0mm²x5G	(2)	12.70mm(2)	(1)	(4)
HM040	P/D	(1)	(1) (2)	(1) (1)	1.0mm²x5G	(2)	9.52mm(2)	(1)	(4)
HM050	INV,P/D	(1)	(1) (2)	(1) (1)	1.5mm²x4G	(2)	12.70mm(2)	(1)	(4)
HM060	INV,P/D	(1)	(1) (2)	(1) (1)	1.5mm²x4G	(2)	9.52mm(2)	(1)	(4)
HM070	A	(1)	(1) (2)	(1) (1)	1.0mm²x5G	(2)	9.52mm(2)	(1)	(4)
HM071	R410A,A	(1)	(1) (2)	(1) (1)	1.0mm²x5G	(2)	9.52mm(2)	(1)	(4)
HM080	T	(1)	(1) (2)	(1) (1)	1.0mm²x5G	(2)	12.70mm(2)	(1)	(4)
HM081	R410A,T	(1)	(1) (2)	(1) (1)	1.0mm²x5G	(2)	9.52mm(2)	(1)	(4)
HM090	INV, T	(1)	(1) (2)	(1) (1)	1.5mm²x4G	(2)	12.70mm(2)	(1)	(4)
HM100	INV, T	(1)	(1) (2)	(1) (1)	1.5mm²x4G	(2)	9.52mm(2)	(1)	(4)
HM110	R410A, ACTIVE	(1)	(1) (2)	(1) (1)	1.0mm²x5G	(2)	9.52mm(2)	(1)	(4)
HM111	ACTIVE	(1)	(1) (2)	(1) (1)	1.0mm²x5G	(2)	12.70mm(2)	(1)	(4)
HM120	INV, V	(1)	(1) (2)	(1) (1)	1.5mm²x4G	(2)	12.70mm(2)	(1)	(4)
HM130	INV, V	(1)	(1) (2)	(1) (1)	1.5mm²x4G	(2)	9.52mm(2)	(1)	(4)
HR010	-	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x4G 2.5mm²x3G	(2)	12.70mm(2)	(1)	(4)
HR020	-	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x5G 2.5mm²x3G	(2)	12.70mm(2)	(1)	(4)
HR030	-	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x4G 2.5mm²x3G	(2)	12.70mm(2)	(1)	(4)
HR040	-	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x5G 2.5mm²x3G	(2)	12.70mm(2)	(1)	(4)
HR041	R410A,U3	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x5G 2.5mm²x3G	(2)	12.70mm(2)	(1)	(4)
HR050	-	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x5G 2.5mm²x3G	(2)	15.88mm(2)	(1)	(4)
HR051	R410A,Q	(1)	(1) (2)	(1) (1)	0.75mm²x2G+1.0mm²x5G 2.5mm²x3G	(2)	15.88mm(2)	(1)	(4)
HT010	INV, T	(1)	(1) (2)	(1) (1)	1.5mm²x4G	(2)	9.52mm(2)	(1)	(4)
HT020	INV, T	(1)	(1) (2)	(1) (1)	1.5mm²x4G	(2)	12.70mm(2)	(1)	(4)

The following connection accessories in the accessary case may be supplied, depending on the option.
If they are not supplied, it is recommended that you collect them together before starting to install the air conditioner.

Accessary Case										
Assembly Piping		PE T3 Foam Tube Insulation	Vinyl Tape	Drain Plug	Rubber Leg	Pipe Clamp A & B	Cement Nail	Tapped Screws	Drain Hose	Putty
Ø6.35mm	Ø9.52mm Ø12.70mm Ø15.88mm									
Length 5m	Length 5m	-	Width 50mm	-	-	-	Length 25mm	M4x16	Length 2m	100g
(1)	15.88mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	15.88mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	15.88mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(1)	(1)
(1)	9.52mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(2)	(1)
(1)	12.70mm(1)	(1)	(2)	(1)	(4)	(3) (3)	(6)	(10)	(2)	(1)

Fixing the Installation Plate

Make sure your air conditioner type before fixing the installation plate. For air conditioner type, refer to the classified table.

Before fixing the installation plate to a wall or window frame, you must determine the position of the 65 mm hole through which the cable, piping and hose pass to connect the indoor unit up to the outdoor unit. When facing the air conditioner in position on the wall, the piping and cable can be connected from the right, left, underside, or rear(right or left). Refer to the table below.

Direction / Type	Right	Left	Underside	Rear (right or left)
CB∗∗∗ CM∗∗∗ HB∗∗∗ HM∗∗∗	O	O	-	O
CR∗∗∗ HR∗∗∗	O	O	O	O
HT∗∗∗	O	O	O	O

1 Determine the position of the pipe and drain hose hole using the figure opposite and drill the hole with an inner diameter of 65 mm so that it slants slightly downwards.

2

If you are fixing the indoor unit to a...	Then follow Steps...
Wall	**3**.
Window frame	**4** to **6**.

3 Fix the installation plate to the wall in a manner appropriate to the weight of the indoor unit.

➢ If you are mounting the plate on a concrete wall with anchor bolts, the anchor bolts must not project by more than 20 mm.

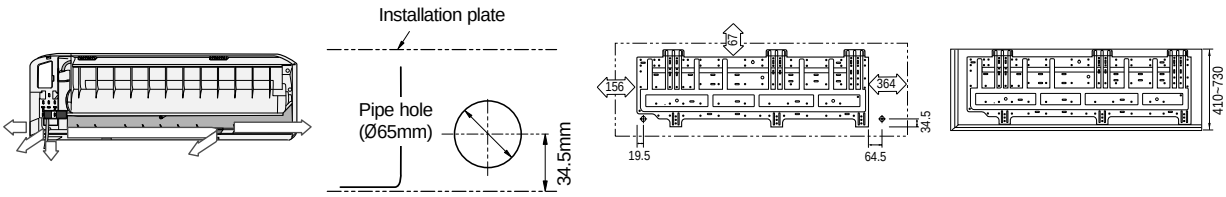
4 Determine the positions of the wooden uprights to be attached to the window frame.

5 Attach the wooden uprights to the window frame in a manner appropriate to the weight of the indoor unit.

6 Using tapped screws, attach the installation plate to the wooden uprights, as illustrated in the last figure opposite.

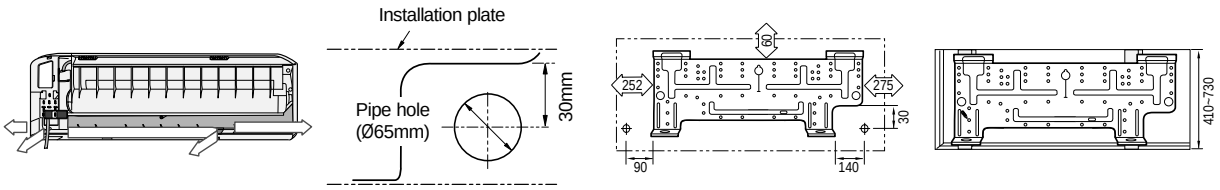
CB✳✳✳ / HB✳✳✳ Type

(Unit : mm)



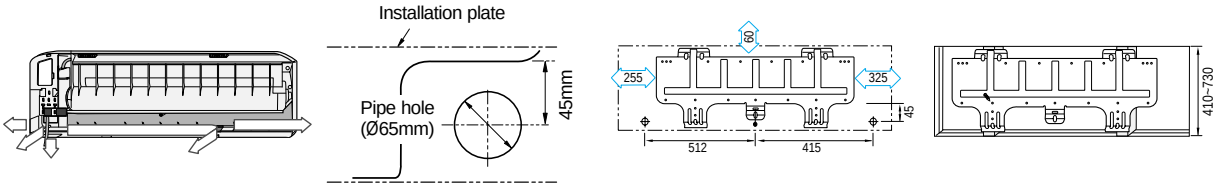
CM✳✳✳ / HM✳✳✳ Type

(Unit : mm)



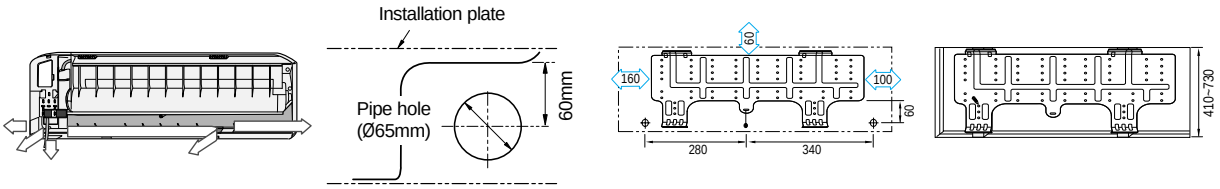
CR✳✳✳ / HR✳✳✳ Type

(Unit : mm)



HT✳✳✳ Type

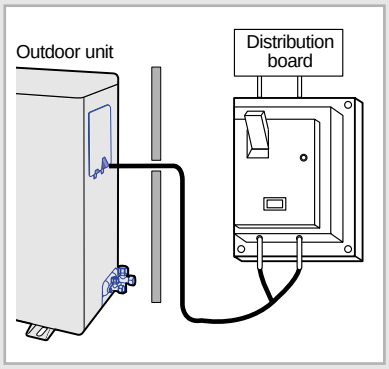
(Unit : mm)



Connecting the Power Cable and the Assembly Cable

There are two kinds of power supply system. One is powered from the indoor unit and the other is powered from the outdoor unit via the assembly cable. Thus, make sure your air conditioner type before connecting the cables.

Type	Power Supply System	Connect...
CM✳✳✳ CR052, CR070 HM✳✳✳ HT✳✳✳	Indoor ➔ Outdoor	Assembly cable
CB✳✳✳ CR✳✳✳ (Except CR052, CR070) HB✳✳✳ HR✳✳✳	Outdoor ➔ Indoor	Power cable & Assembly cable



Connecting the Power Cable

1 Connect the breaker to the main distribution board.

2 When installing the outdoor unit, connect the power cable from the outdoor unit to the breaker, as shown in the figure.

3 An all pole disconnection from the power supply must be incorporated in the fixed wiring(≥3mm).

Connecting the Assembly Cable

If the outdoor unit is more than five metres away from the indoor unit, the cable must first be extended.

1 Extend the assembly cable if necessary.

2 Open the front grille by pulling on the lower right and left sides of the indoor unit.

3 Remove the screw securing the connector cover depending on the model.

4 Pass the assembly cable through the rear of the indoor unit and connect the assembly cable to the terminals as shown in the figure.

➢ Each wire is labelled with the through the corresponding terminal number.

5 Pass the other end of the cable through the 65mm hole in the wall.

6 Replace the connector cover, carefully tightening the screw.

7 Close the front grille.

8 Remove the terminal board cover on the side of the outdoor unit.

9 Connect the assembly cable to terminals as shown at the figure.

➢ Each wire is labelled with the corresponding terminal number.

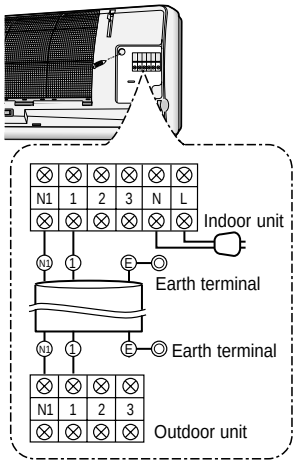
10 Connect the earth wires to the earth terminals.

➢ Refer to page 14 for further details on how to check that earthing is correct.

11 Replace the terminal board cover, carefully tightening the screw.

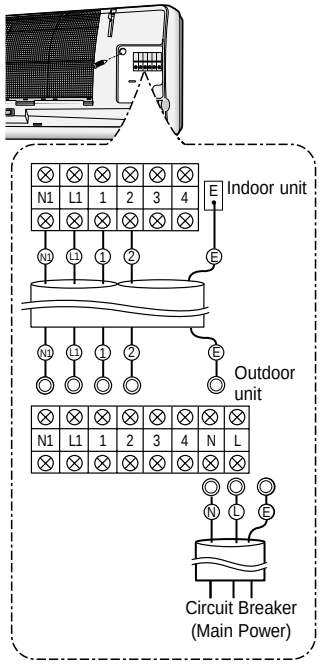
CM010, CM020, CM030, CM040, CM050, CM051, CM060, CM061, CM072 Type

- Connect the assembly cable to the terminals as shown in the figure.
- The power plug may not be supplied depending on the model.



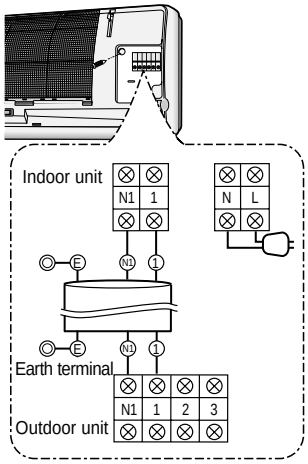
CR010, CR030 Type

- Connect the assembly cable and power cable to the terminals as shown in the figure.



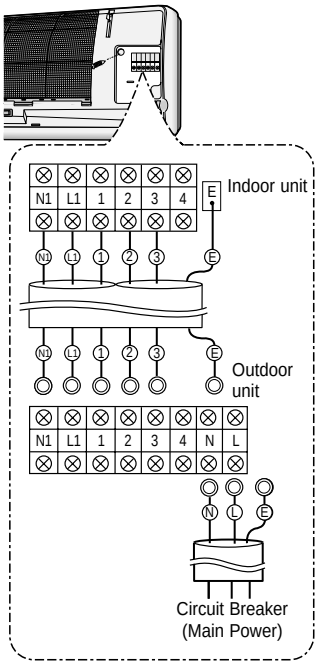
CM052, CM070, CM071 Type

- Connect the assembly cable to the terminals as shown in the figure.
- The power plug may not be supplied depending on the model.



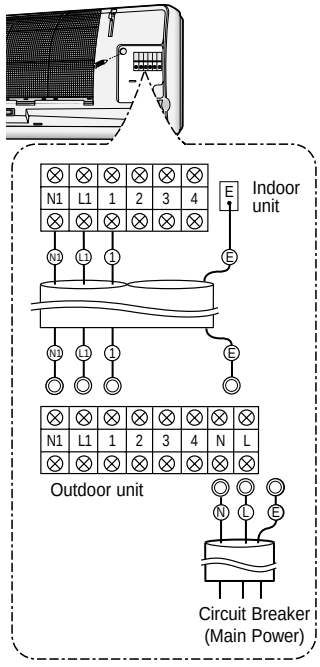
CB010, CR020, CR040, CR050, CR051 Type

- Connect the assembly cable and power cable to the terminals as shown in the figure.



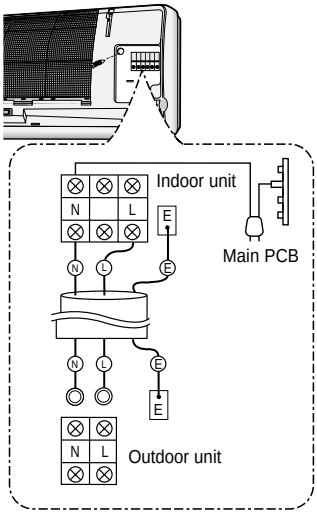
CR060, CR061 Type

- Connect the assembly cable and power cable to the terminals as shown in the figure.



CR052, CR070 Type

- Connect the assembly cable and power cable to the terminals as shown in the figure.



To be continued

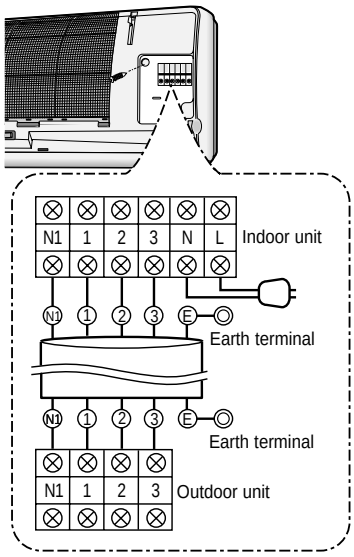
Connecting the Power Cable and the Assembly Cable (Cont.)

There are two kinds of power supply system. One is powered from the indoor unit and the other is powered from the outdoor unit via the assembly cable. Thus, make sure your air conditioner type before connecting the cables.

Type	Power Supply System	Connect...
CM✳✳✳ CR052, CR070 HM✳✳✳ HT✳✳✳	Indoor ➔ Outdoor	Assembly cable
CB✳✳✳ CR✳✳✳ (Except CR052, CR070) HB✳✳✳ HR✳✳✳	Outdoor ➔ Indoor	Power cable & Assembly cable

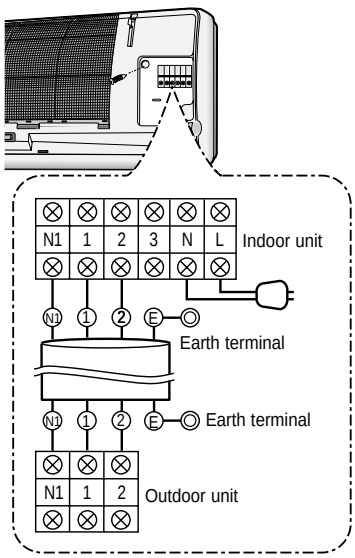
HM010, HM020, HM030, HM040, HM070, HM071, HM080, HM081, HM110, HM111 Type

- Connect the assembly cable to the terminals as shown in the figure.
- The power plug may not be supplied depending on the model.



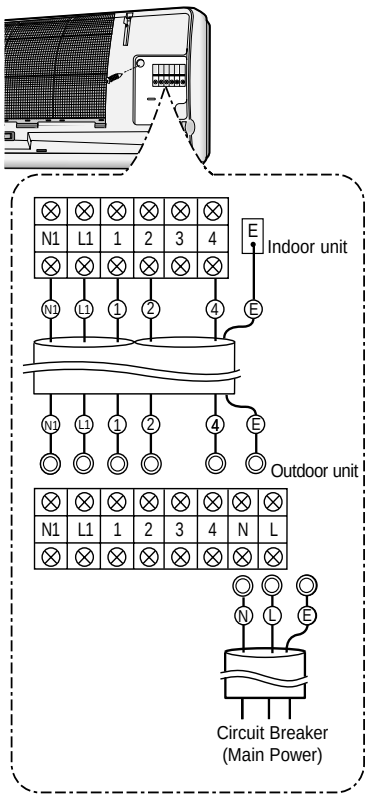
HM050, HM060, HM090, HM100, HM120, HM130 Type

- Connect the assembly cable to the terminals as shown in the figure.
- The power plug may not be supplied depending on the model.



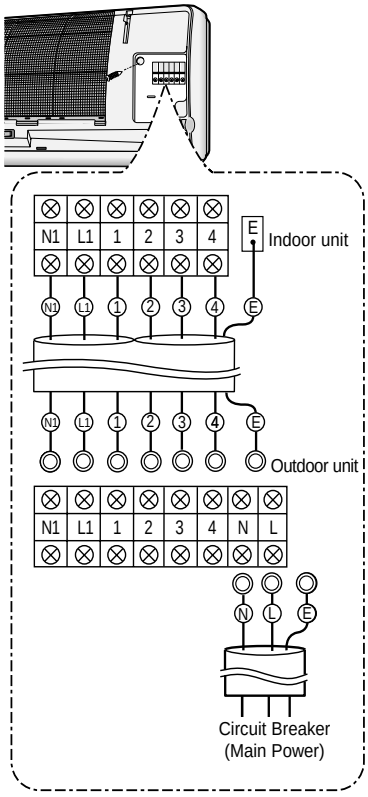
HR010, HR030 Type

- Connect the assembly cable and power cable to the terminals as shown in the figure.



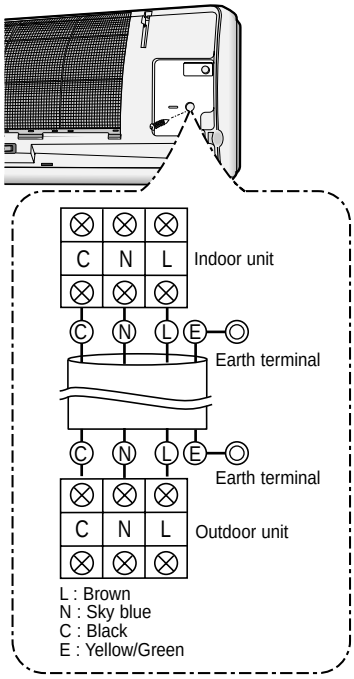
HB010, HR020, HR040, HR041, HR050, HR051 Type

- Connect the assembly cable and power cable to the terminals as shown in the figure.

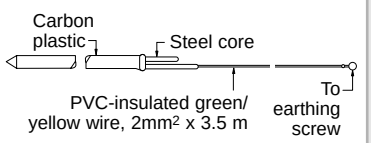


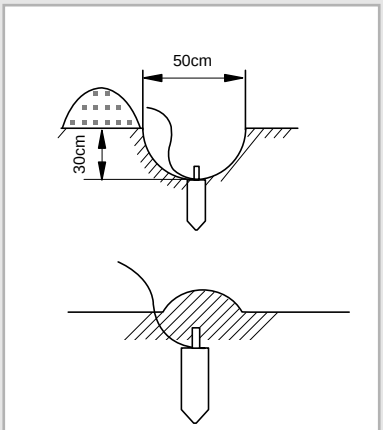
HT010, HT020 Type

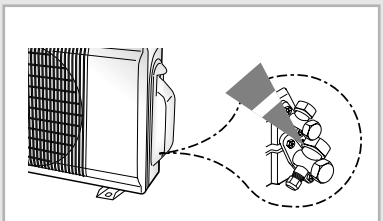
- Connect the assembly cable to the terminals as shown in the figure.
- The power plug may not be supplied depending on the model.



Checking Correct Earthing







❊ The designs and shape are subject to change according to the model.

If the power distribution circuit does not have an earth or the earth does not comply with specifications, an earthing electrode must be installed. The corresponding accessories are <u>not</u> supplied with the air conditioner

1 Select an earthing electrode that complies with the specifications given in the illustration opposite.

2 Determine a suitable location for the earthing electrode:
- ◆ In damp hard soil rather than loose sandy or gravel soil that has a higher earthing resistance
- ◆ Away from underground structures or facilities, such as gas pipes, water pipes, telephone lines and underground cables
- ◆ At least two metres away from a lightening conductor earthing electrode and its cable

➢ The earthing wire for the telephone line cannot be used to earth the air conditioner.

3 Dig a hole of the size indicated in the illustration opposite, drive the earthing electrode into position and cover the top of the electrode with the excavated soil.

4 Install a green/yellow insulated earthing wire (Ø1.6 mm, section 2mm² or greater):
- ◆ If the earthing wire is too short, connect an extension lead, soldering the connection and wrapping it with insulating tape (do not bury the soldered connection)
- ◆ Secure the earthing wire in position with staples

➢ If the earthing electrode is installed in an area of heavy traffic, its wire must be connected securely.

5 Carefully check the installation, by measuring the earthing resistance with an earthing resistance tester. If the resistance is above the required level, drive the earthing electrode deeper into the ground or increase the number of earthing electrodes.

6 Connect the earthing wire to the earthing screw on the air conditioner.

Fixing the Unit in Position

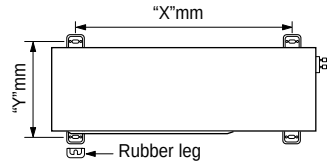
The outdoor unit must be installed on a rigid and stable base to avoid any increase in the noise level and vibration, particularly if the outdoor unit is to be installed close to a neighbour.
If it is to be installed in a location exposed to strong winds or at a height, the unit must be fixed to an appropriate support (wall or ground).

1 Position the outdoor unit so that the air flow is directed towards the outside, as indicated by the arrows on the top of the unit.

2 Attach the outdoor unit to the appropriate support using anchor bolts.

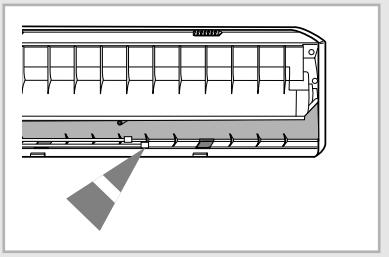
3 If the outdoor unit is exposed to strong winds, install shield plates around the outdoor unit, so that the fan can operate correctly.

✳ Certainly fix up its rubber leg, in order to prevent its vibration and noise.



Type	X	Y
CM01✳ CM02✳ HM01✳ HM02✳	456.5	254
CM05✳ HM07✳	493.7	249
CM03✳ CM04✳ HM03✳ HM04✳ HM05✳ HM06✳	496	267
CM07✳ HM11✳	506	252
CM06✳ HM08✳ HM09✳ HM10✳ HT01✳ HT02✳	555	295
CR02✳ CR04✳ CR06✳ CR070 HR02✳ HR04✳	582	338
HM12✳ HM13✳	600	256
CB01✳ CR01✳ CR03✳ CR05✳ HB01✳ HR01✳ HR03✳ HR05✳	660	340

Purging the Unit



On delivery, the indoor unit is loaded with an inert gas. All this gas must therefore be purged before connecting the assembly piping.
To purge the inert gas, proceed as follows.

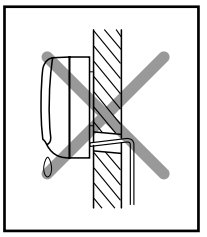
Unscrew the caps at the end of each pipe.

Result: All inert gas escapes from the indoor unit.

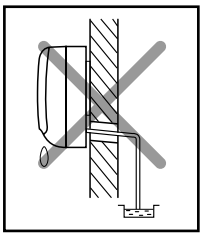
➢ To prevent dirt or foreign objects from getting into the pipes during installation, do NOT remove the caps completely until you are ready to connect the piping.

Installing and Connecting the Indoor Unit Drain Hose

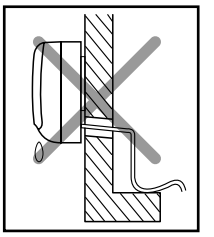
Care must be taken when installing the drain hose for the indoor unit to ensure that any condensation water is correctly drained outside. When passing the drain hose through the 65 mm hole drilled in the wall, check that none of the following situations occur.



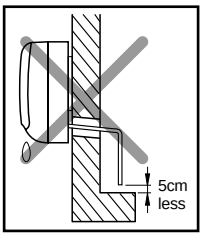
The hose must NOT slope upwards.



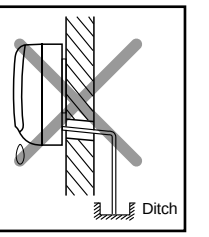
The end of the drain hose must NOT be placed in water.



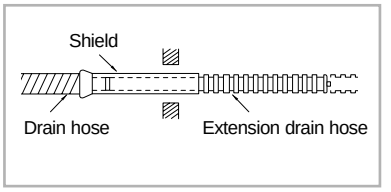
Do NOT bend the hose in different directions.



Keep a clearance of at least 5 cm between the end of the hose and the ground.



Do NOT place the end of the drain hose in a hollow.



To install the drain hose, proceed as follows.

1 If necessary, connect the 2-metre extension to the drain hose.

2 If you are using the extension, insulate the inside part of the extension drain hose with a shield.

3 Pass the drain hose under the refrigerant piping, taking care to keep the drain hose tight.

4 Pass the drain hose through the hole in the wall, making sure that it is sloping downwards, as shown in the illustrations above.

➢ The hose will be fixed permanently into position once the whole installation has been tested for gas leaks; refer to page 21 for further details.

Installing and Connecting the Outdoor Unit Drain Hose (H✳✳✳✳ Type Only)

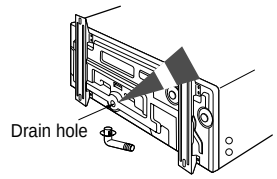
When using the air conditioner in the heating mode, ice may accumulate. During de-icing, the condensed water must be drained off safely. Consequently, you must install a drain hose on the outdoor unit, following the instructions below.

1 Insert the drain plug into the drain hole on the underside of the outdoor unit.

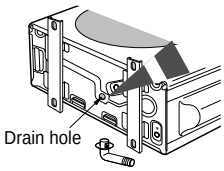
2 Connect the drain hose to the drain plug.

3 Ensure that the drained water runs off correctly and safely.

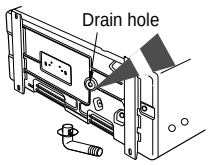
HM010, HM020 Type



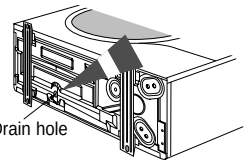
HM030, HM040, HM050, HM060 Type



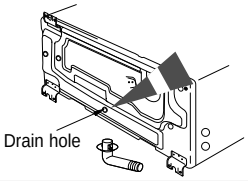
HM070, HM071, HM080, HM081, HM090, HM100, HT✳✳✳ Type



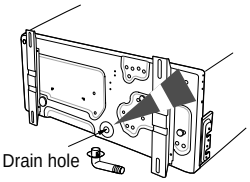
HM110, HM111 Type

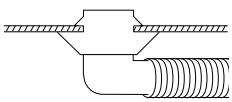


HM120, HM130 Type



HB010, HR✳✳✳ Type





Installing and Connecting the Indoor Unit Assembly Piping

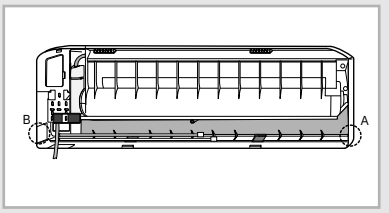
There are two refrigerant pipes of different diameters:

- ***A smaller one for the liquid refrigerant***
- ***A larger one for the gas refrigerant***

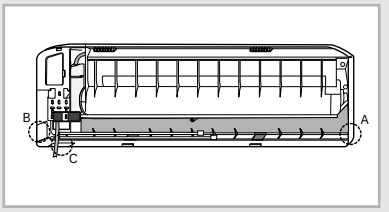
A short length of piping is already fitted to the air conditioner. You must extend this piping using assembly piping (optionally supplied).
The connection procedure for the refrigerant piping varies according to the exit position of the piping from the indoor unit, as seen when facing the air conditioner in position on the wall:

- ***Right (A)***
- ***Left (B)***
- ***Underside(C) ;*** **CM✳✳✳, HM✳✳✳ Type excluded**
- ***Rear***

CM✳✳✳ ,HM✳✳✳ Type



CB✳✳✳, CR✳✳✳, HB✳✳✳,
HR✳✳✳, HT✳✳✳ Type



1 With a knife, cut out the appropriate knock-out piece on the rear of the indoor unit (unless you are connecting directly from the rear), then smooth the cut edges.

2 Remove the protection caps on the pipes and connect the assembly piping to each pipe, tightening the nuts, first manually and then with a wrench, applying the following torque.

Outer Diameter	Torque (kg•cm)
6.35 mm	160
9.52 mm	300
12.70 mm	500
15.88 mm	700

➢ If the piping must be shortened or extended, refer to page 19.

3 Cut off any excess foam insulation.

4 If necessary, bend the pipe round, along the bottom of the indoor unit and out through the appropriate hole, taking care to ensure that:

- The piping does not jut out from the rear of the indoor unit
- The bending radius is 100 mm or more

5 Pass the piping through the hole in the wall.

➢ For further details on how to connect up to the outdoor unit and purge the circuit, refer to page 20.

➢ The piping will be insulated and fixed permanently into position once the whole installation has been tested for gas leaks; refer to page 21 for further details.

Cutting/Extending the Piping

Five metres of piping is supplied with the air conditioner(Optional). This length can if necessary be:

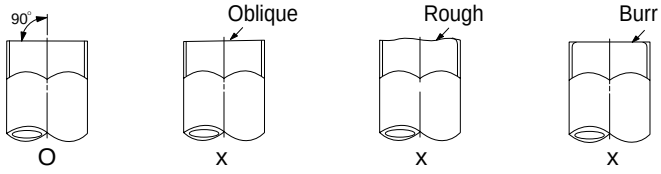
- ***Extended to a maximum of "L" metres (refer to page 3 for the "L")***
- ***Shortened as required***

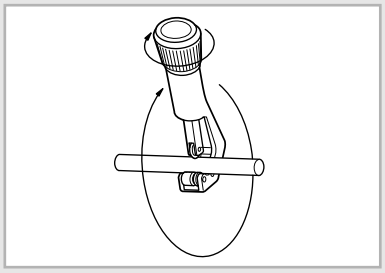
If more than five metres of piping is required:

- The assembly cable must also be extended
- Refrigerant must be added to the circuit by an approved installer; otherwise, the indoor unit may freeze

1 Make sure that you have the required tools available (pipe cutter, reamer, flaring tool and pipe holder).

2 If you wish to shorten the piping, cut it using a pipe cutter, taking care to ensure that the cut edge remains at a 90° angle with the side of the pipe, and referring to the illustrations below for examples of edges cut correctly and incorrectly.

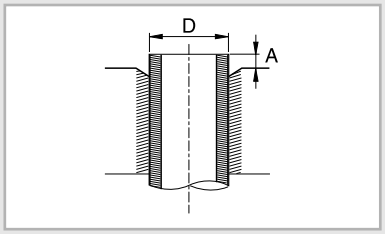




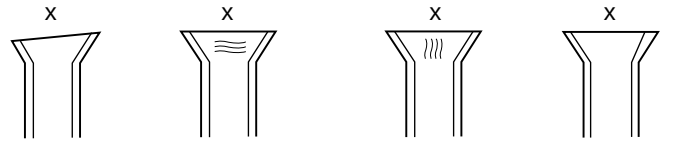
3 To prevent any gas from leaking out, remove all burrs at the cut end of the pipe, using a reamer.

4 Slide a flare nut on to the pipe and modify the flare.

Outer Diameter (D)	Depth (A)
6.35 mm	1.3 mm
9.52 mm	1.8 mm
12.70 mm	2.0 mm
15.88 mm	2.2 mm

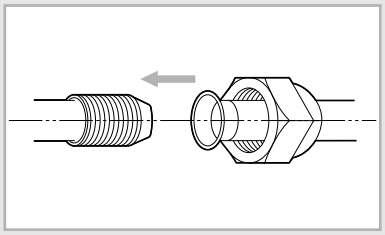


5 Check that the flaring is correct, referring to the illustrations below for examples of incorrect flaring.



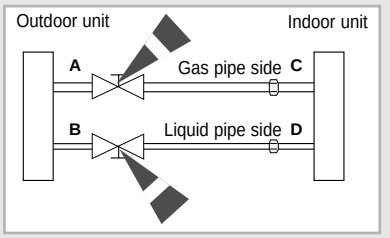
6 Align the pipes to be connected and tighten the flare nuts first manually and then with a wrench, applying the following torque.

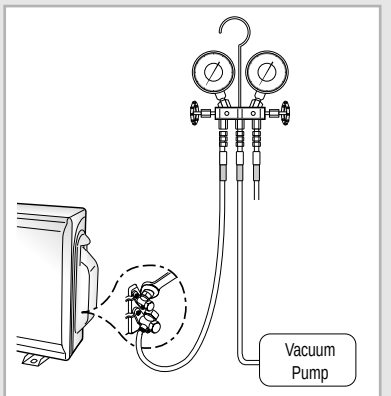
Outer Diameter	Torque (kg•cm)
6.35 mm	160
9.52 mm	300
12.70 mm	500
15.88 mm	700



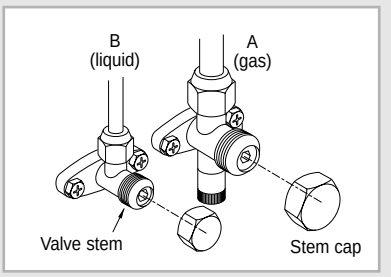
7 For further details on how to connect up to the outdoor unit and purge the circuit, refer to page 20.

Connecting Up and Purging the Circuit





❊ The designs and shape are subject to change according to the model.



Type		"A"	"B"
HT✳✳✳		10g	R22
✳M020 ✳M040 CM050 CM052 HM060	HM070 HM100 HM130	20g	
✳R010 ✳R020 ✳R030 ✳R040 ✳R060 CR070 CM010 CM030 CM060	CM071 CM072 HM010 HM030 HM050 HM080 HM090 HM111 HM120	30g	
✳B✳✳✳		35g	
✳R050	CR052	40g	
CM051 CM061 CM070	HM071 HM081 HM110	20g	R410A
CR061	HR041	30g	
CR051	HR051	40g	

Make sure your air conditioner type before connecting up and purging the circuit; refer to the classified table for the type.

The outdoor unit is loaded with sufficient refrigerant for 5 metres of piping. The air in the indoor unit and in the pipe must be purged. If air remains in the refrigeration pipes, it will affect the compressor, reduce to cooling/heating capacity and could lead to a malfunction. Refrigerant for air purging is not charged in the outdoor unit. Use Vacuum Pump as shown at the figure.

1 Connect each assembly pipe to the appropriate valve on the outdoor unit and tighten the flare nut.

2 Referring to the illustration opposite, tighten the flare nut first manually and then with a wrench, applying the following torque.

Outer Diameter	Torque (kg•cm)
6.35 mm	160
9.52 mm	300
12.70 mm	500
15.88 mm	700

3 Connect the charging hose of low pressure side of manifold gauge to the packed valve having a service port as shown at the figure.

4 Open the valve of the low pressure side of manifold gauge counter-clockwise.

5 Purge the air from the system using vacuum pump for about 10 minutes.
- Close the valve of the low pressure side of manifold gauge clockwise.
- Make sure that pressure gauge show -0.1MPa(-76cmHg) after about 10minutes.

This procedure is very important in order to avoid gas leak.
- Turn off the vacuum pump
- Remove the hose of the low pressure side of manifold gauge.

6 Set valve cork of both liquid side and gas side of packed valve to the open position.

7 Mount the valve stem nuts and the service port cap to the valve, and tighten them at the torque of 18N•m with a torque wrench.

8 Check for gas leakage.
- At this time, especially check for gas leakage from the 3-way valve's stem nuts, and from the service port cap.

Adding Refrigerant

Refrigerant must be added if the piping measures more than 5 metres in length. This operation can only be performed by a qualified refrigeration specialist.

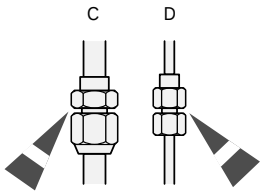
If you have used...	Then...
More than 5 metres of piping	"A" of refrigerant "B" must be added for each extra metre.
Less than 5 metres of piping	The purge time is normal.

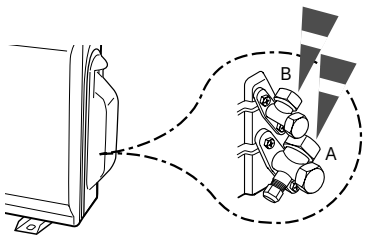
Refer to the Service Manual for more details on this operation.

Performing Leak Tests

Before completing the installation (insulation of the cables, hose and piping and fixing of the indoor unit to the installation plate), you must check that there are no gas leaks.

To check for gas leaks on the...	Then, using a leak detector, check the...
Indoor unit	**Flare nuts at the end of sections C and D.**
Outdoor unit	**Valves on sections A and B.**

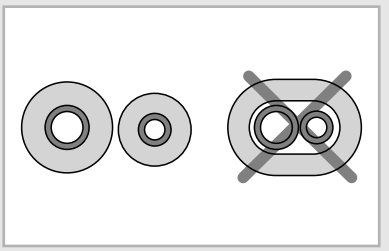




❊ The designs and shape are subject to change according to the model.

Placing the Indoor Unit in Position

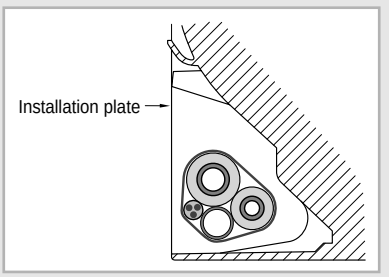
Once you have checked that there are no leaks in the system, you can insulate the piping, hose and cables and place the indoor unit on the installation plate.



1 To avoid condensation problems, place heat-resistant polyethylene foam separately around each refrigerant pipe in the lower part of the indoor unit.

2 Wind insulating tape around the pipes, assembly cable and drain hose.

3 Place the resulting bundle carefully in the lower part of the indoor unit, making sure that it does not jut out from the rear of the indoor unit.



4 Hook the indoor unit on to the installation plate and move the unit to the right and left until you are sure that it is securely in place.

5 Finish wrapping vinyl tape around the rest of the piping leading to the outdoor unit.

6 Using clamps (optionally supplied), attach the piping to the wall wherever possible.

Checking and Testing Operations

To complete the installation, perform the following checks and tests to ensure that the air conditioner is operating correctly.

1 Review all the following elements in the installation:
- ◆ Installation site strength
- ◆ Piping connection tightness to detect any gas leakages
- ◆ Connection wiring
- ◆ Heat-resistant insulation of the piping
- ◆ Drainage
- ◆ Earthing wire connection
- ◆ Correct operations (follow the steps below)

2 Press the On/Off button.
Result:
- ◆ The piping does not jut out from the rear of the indoor unit
- ◆ While the indoor unit opens, the indoor unit fan runs to start.

3 Press the Turbo/ / TURBO button.
Result: The outdoor unit operates in cooling or heating mode as following the room temperature.

4 Air flow direction
- ◆ Press the / button and check that the air flow blades work properly.

Explaining Operations to the Owner

Before leaving the premises on which you have installed the air conditioner, you should explain the following operations to the owner, making reference to the appropriate pages in the owner's instruction booklet.

1 How to start and stop the air conditioner.

2 How to select the operating mode and adjust the temperature and fan settings.

3 How to adjust the air flow direction.

4 How to set the timers.

5 How to remove and clean the filters.

Once the owner is happy with the basic operations, hand over the owner's instruction booklet and this installation manual for storage in a handy and safe place.